

Patent Application for: Methods of Performing Cycloadditions, Reaction Mixtures, and
Methods of Performing Asymmetric Catalytic Reactions
Inventors: Viresh H. Rawal, Yong Huang, Aditya K. Unni, and Avinash N. Thadani
7814/86

Replacement Sheet

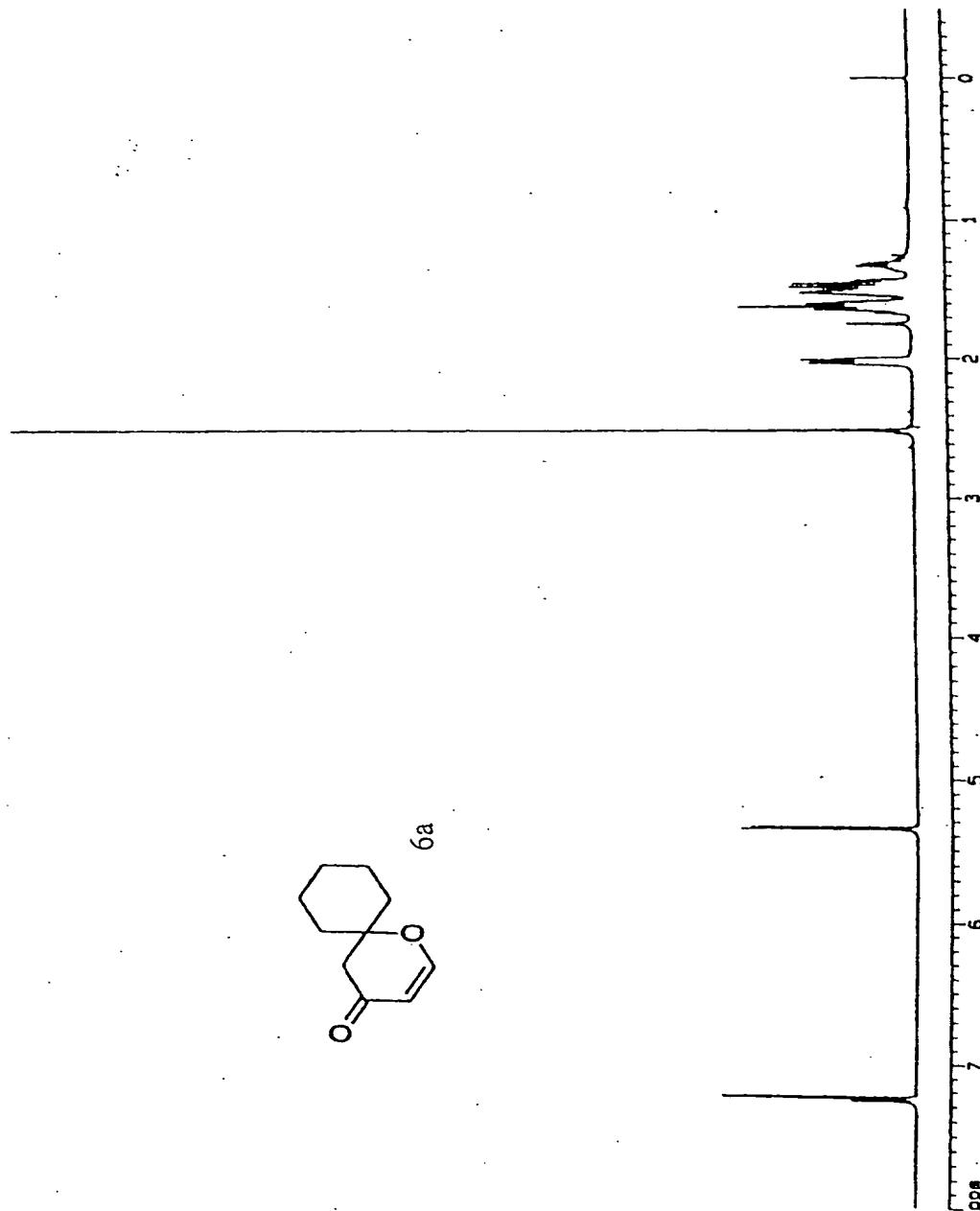
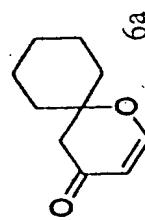
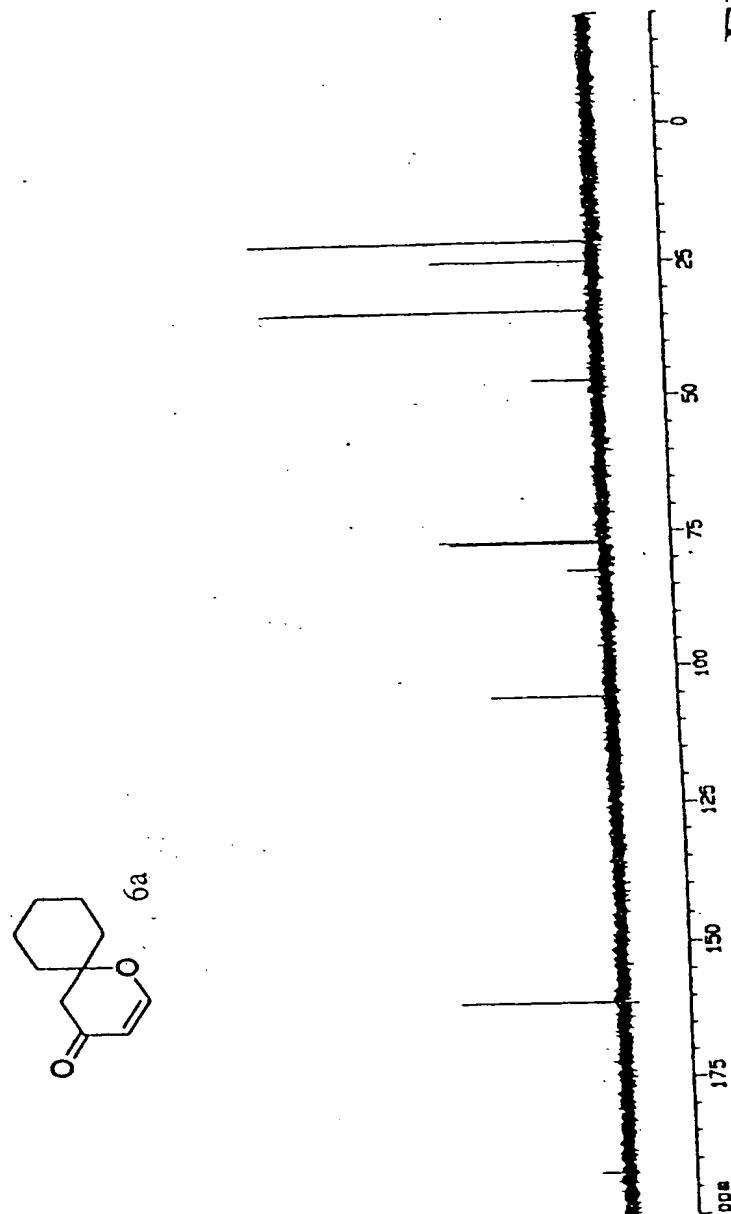


FIGURE 12

FIGURE 13



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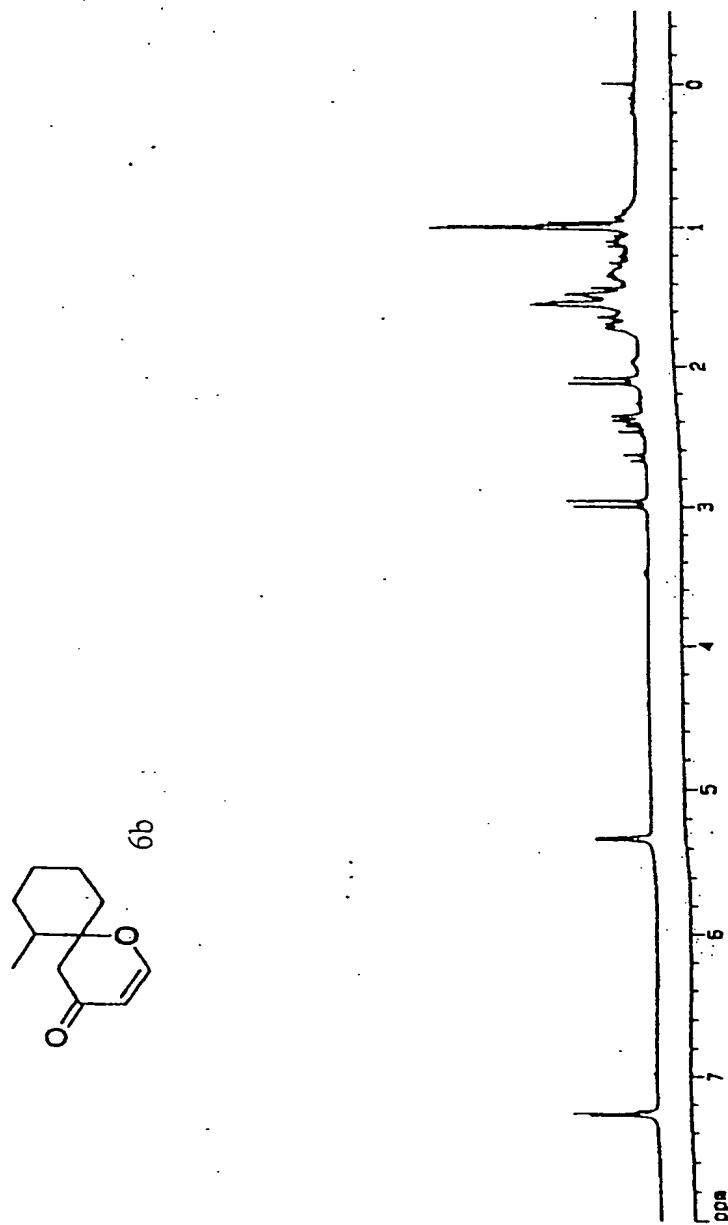
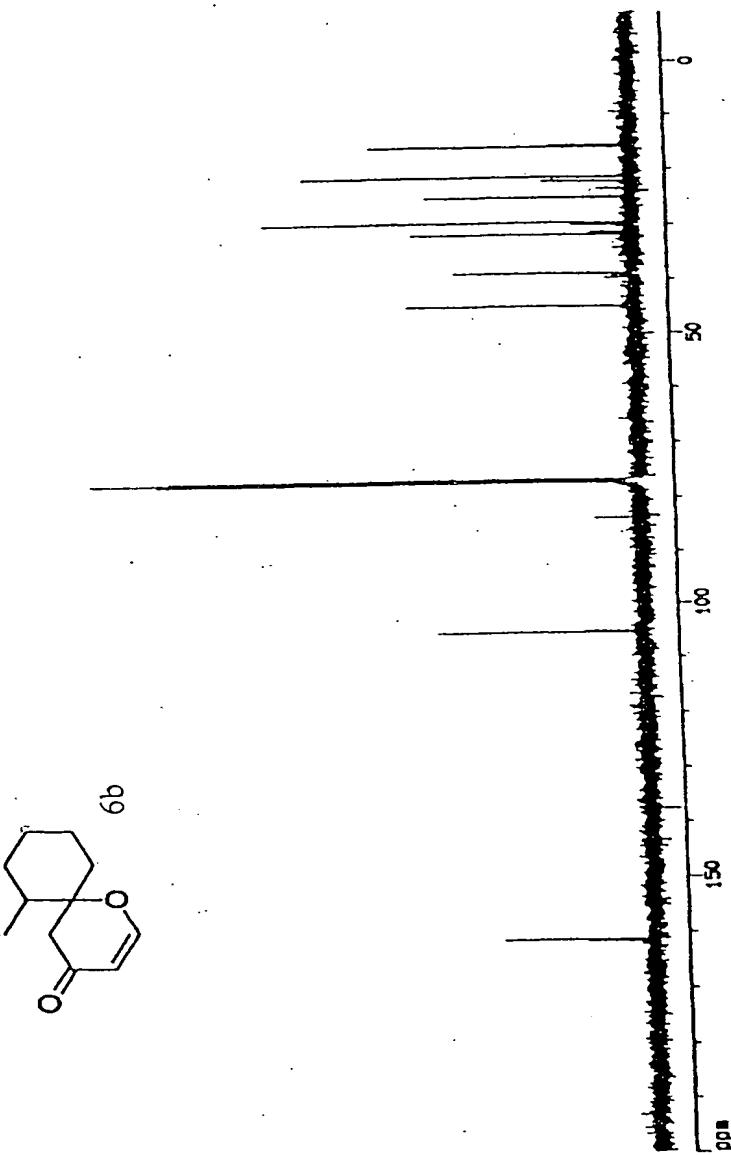


FIGURE 14

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FIGURE 15



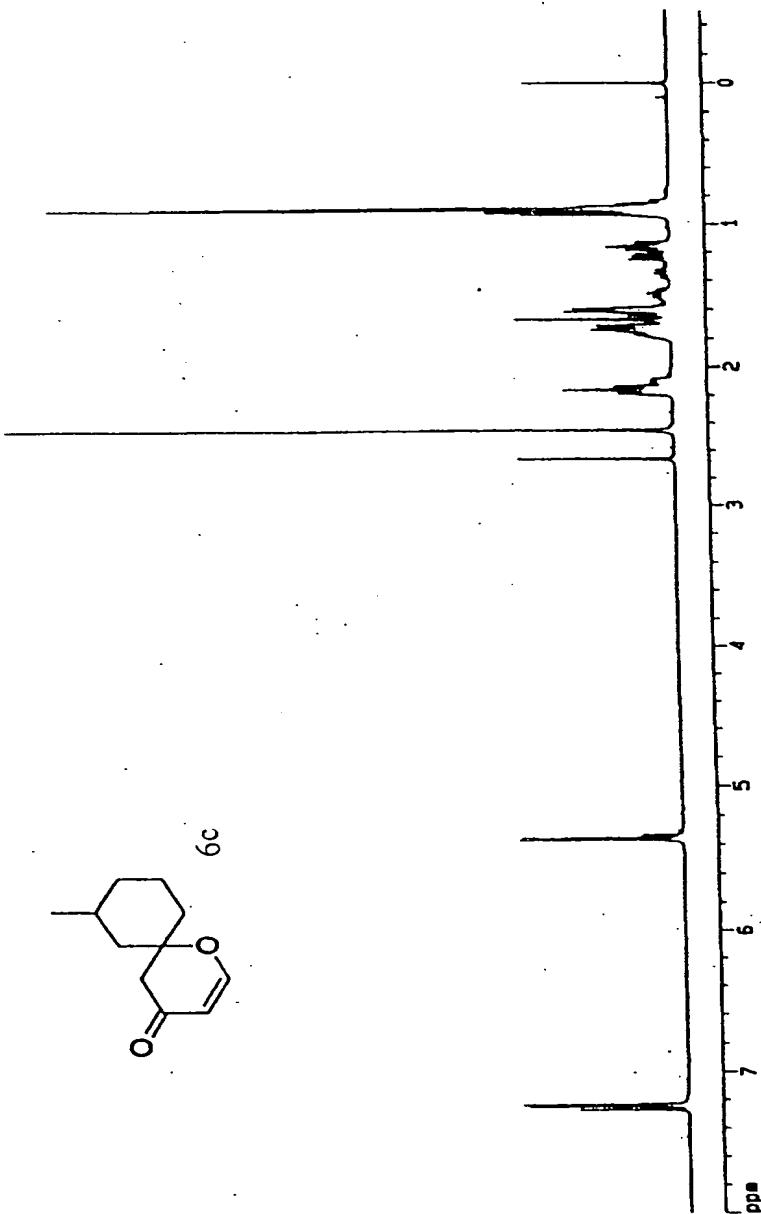
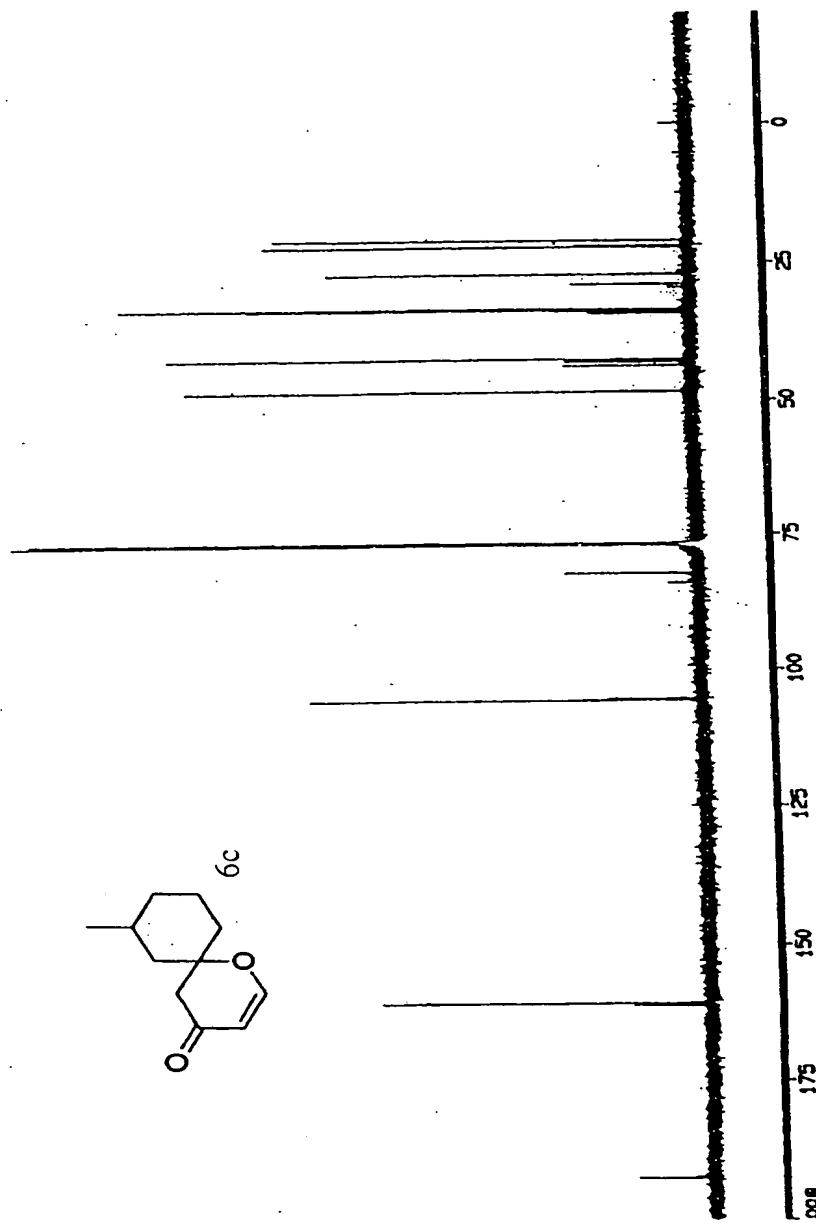


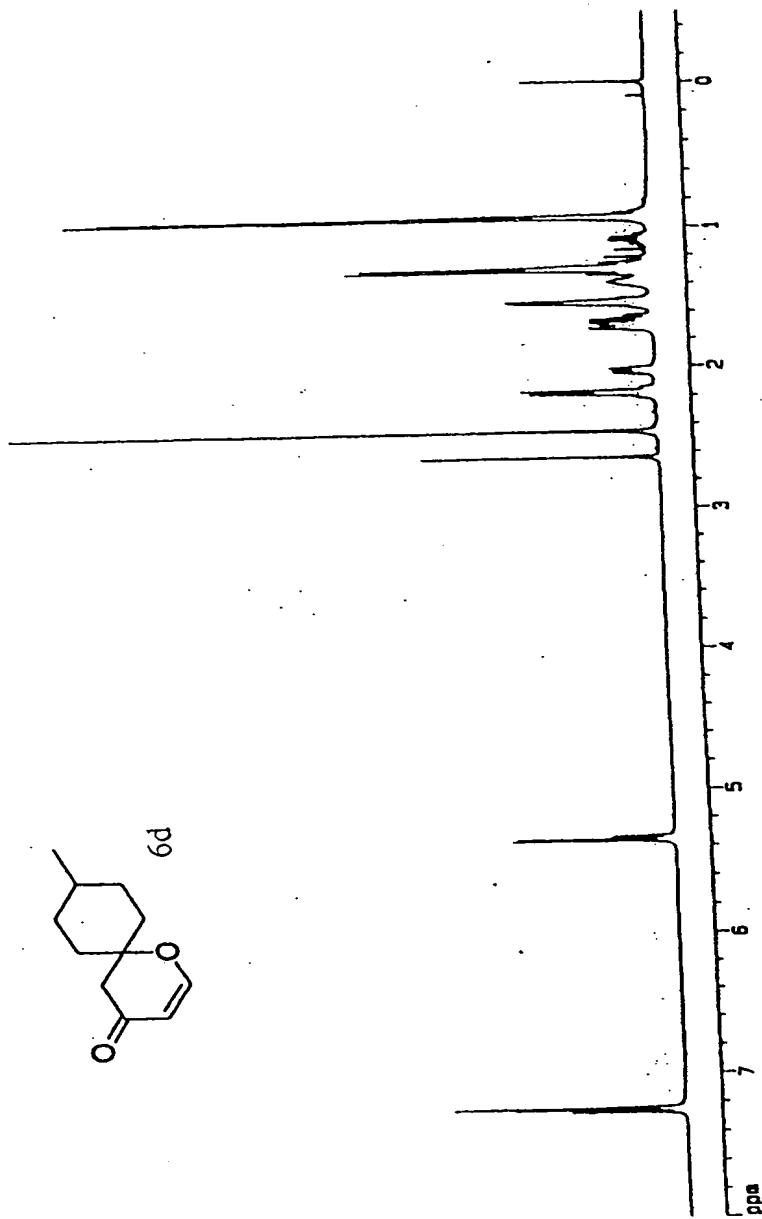
FIGURE 16

FIGURE 17



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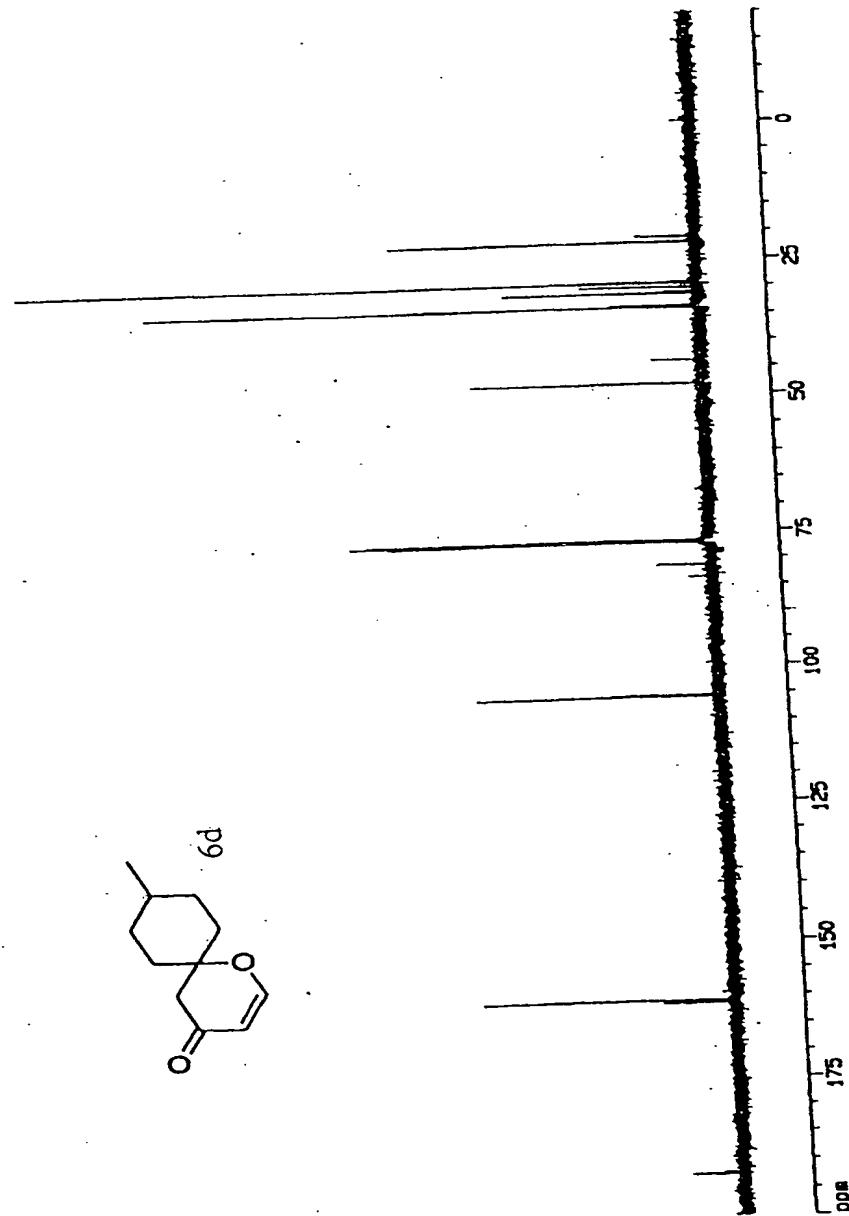
FIGURE 18



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Replacement Sheet

FIGURE 19



Replacement Sheet

FIGURE 20

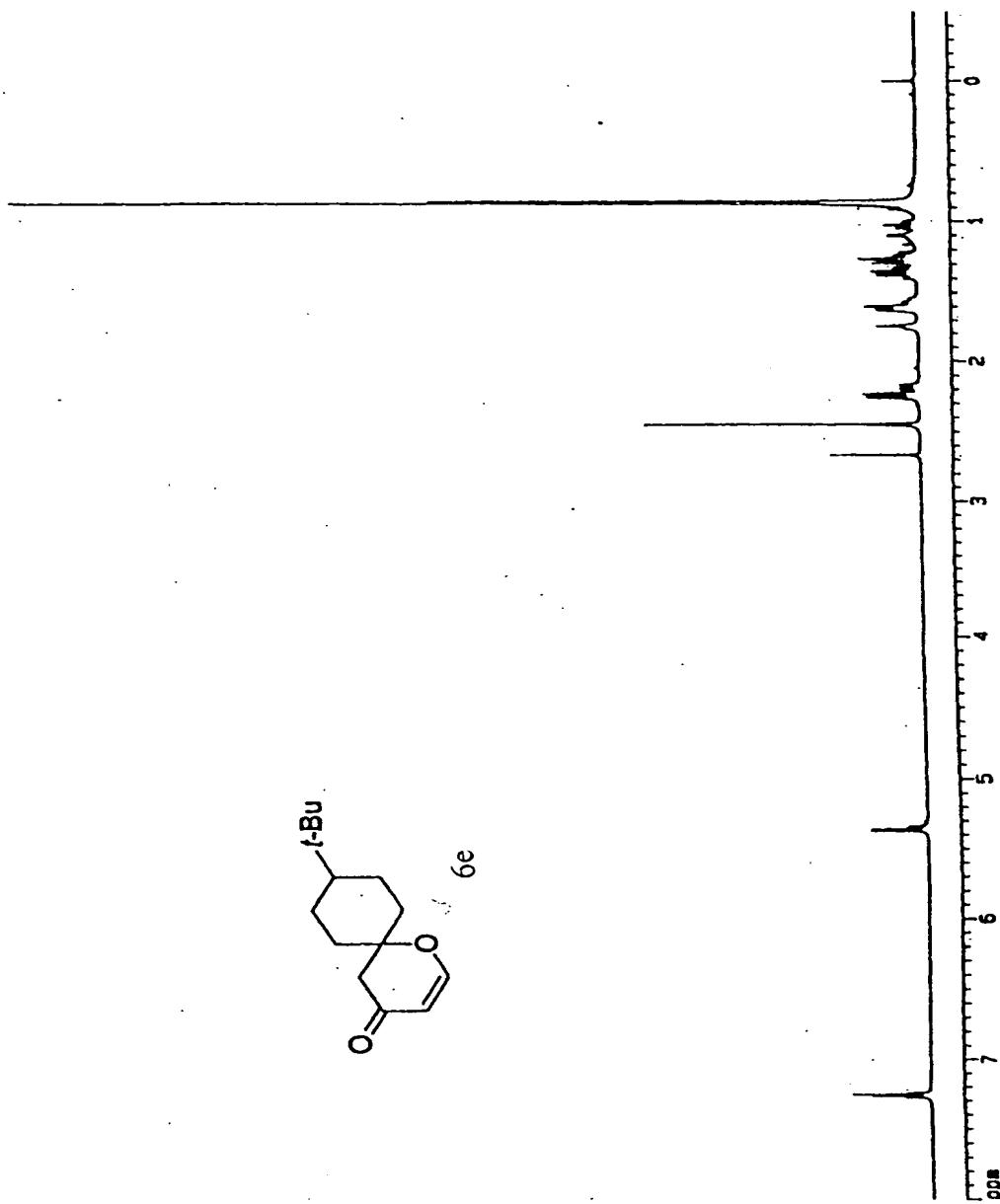
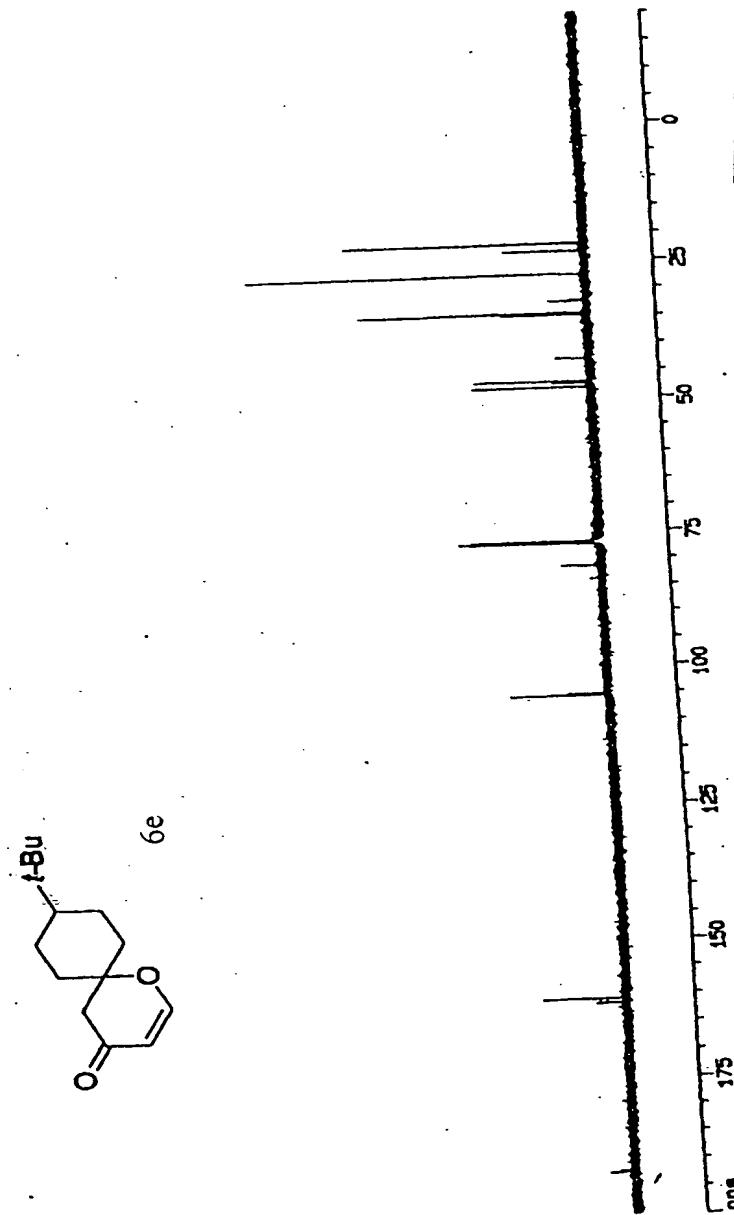


FIGURE 21



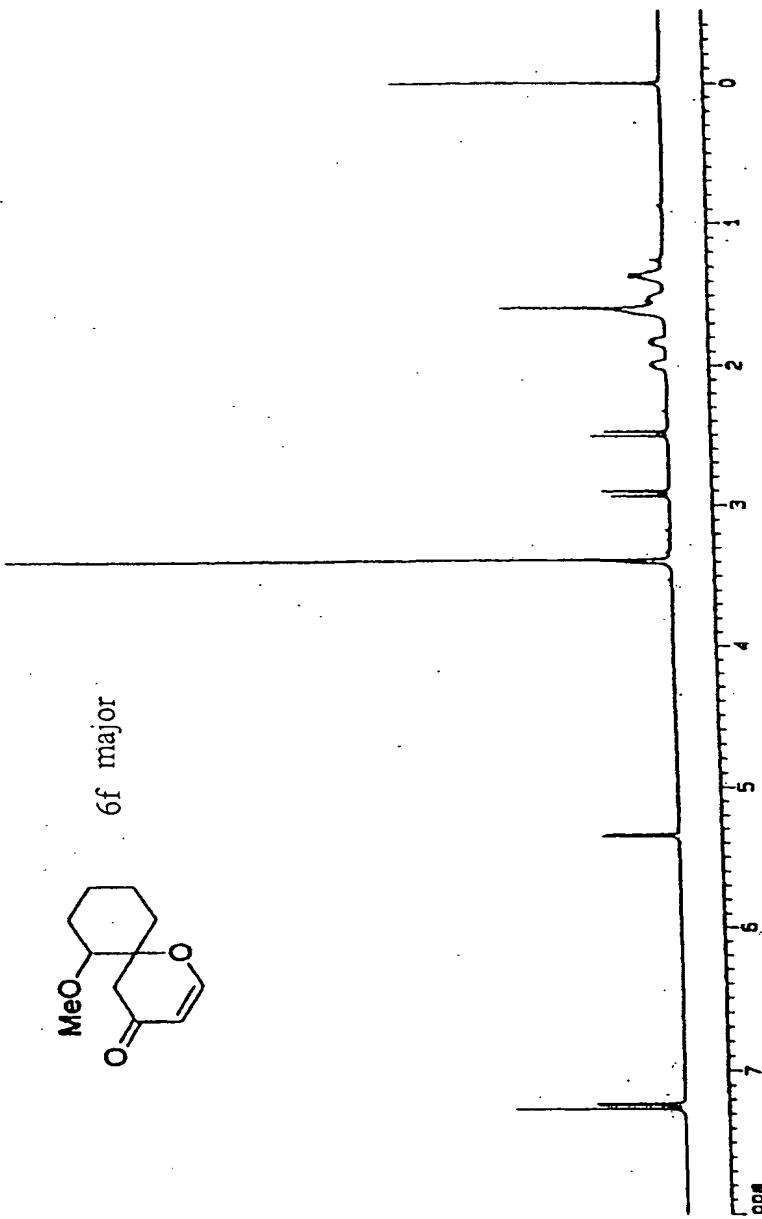
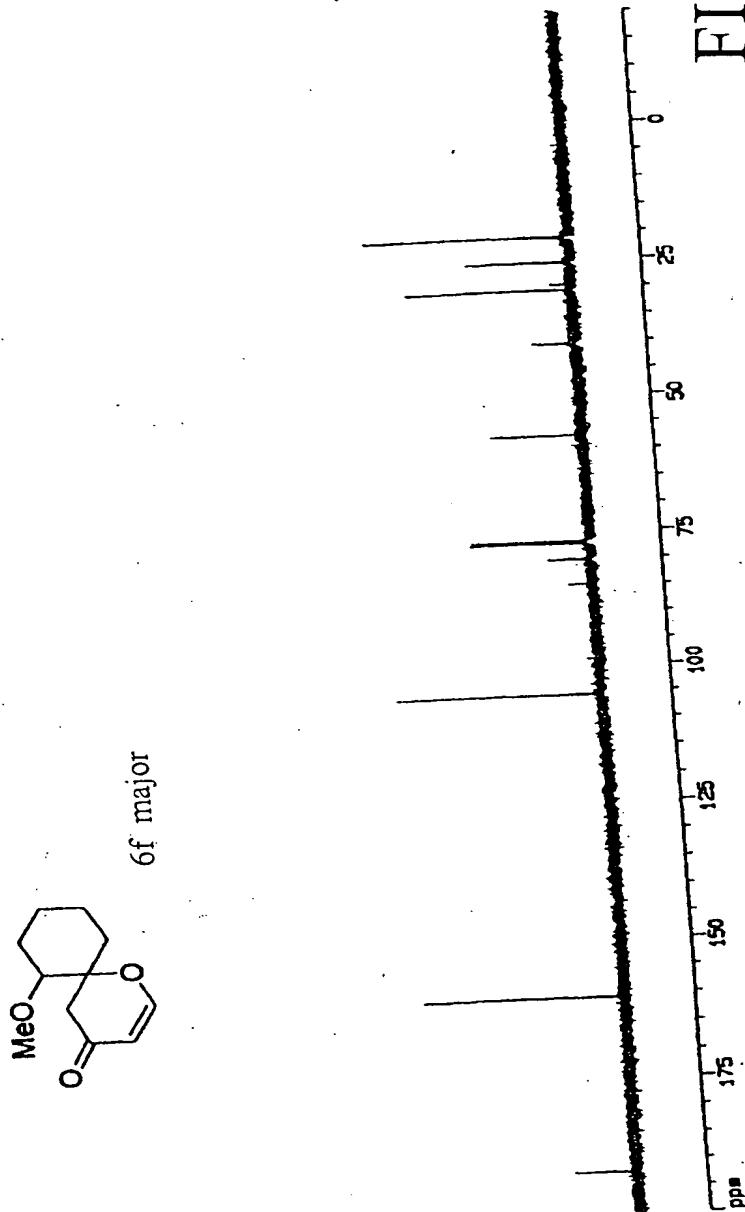


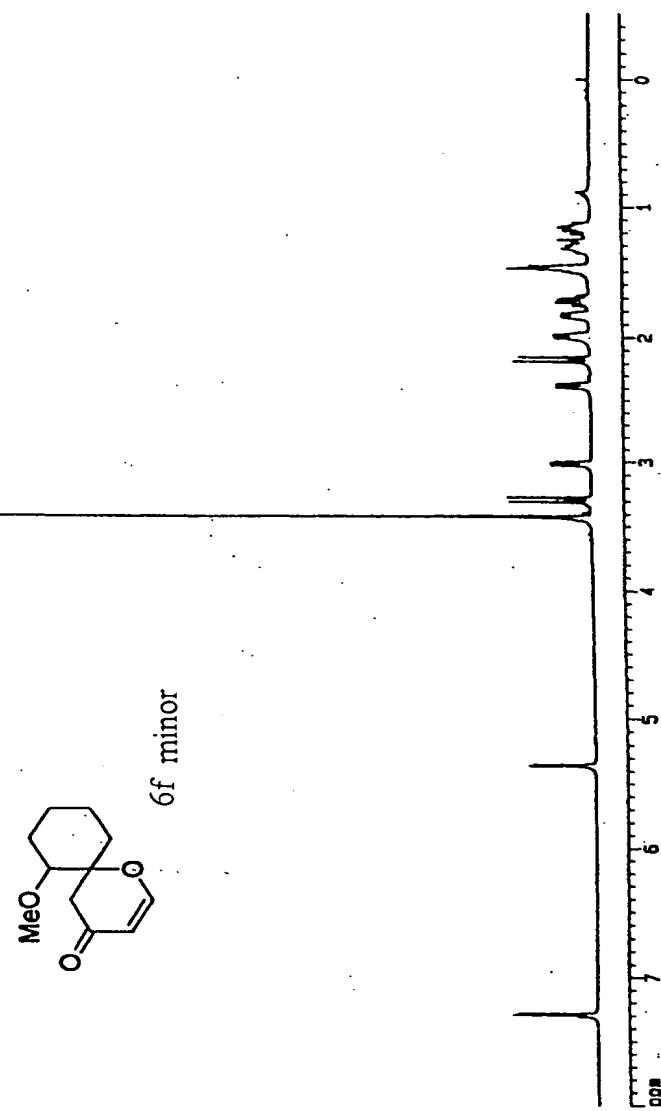
FIGURE 22

FIGURE 23



Replacement Sheet

FIGURE 24



Replacement Sheet

FIGURE 25

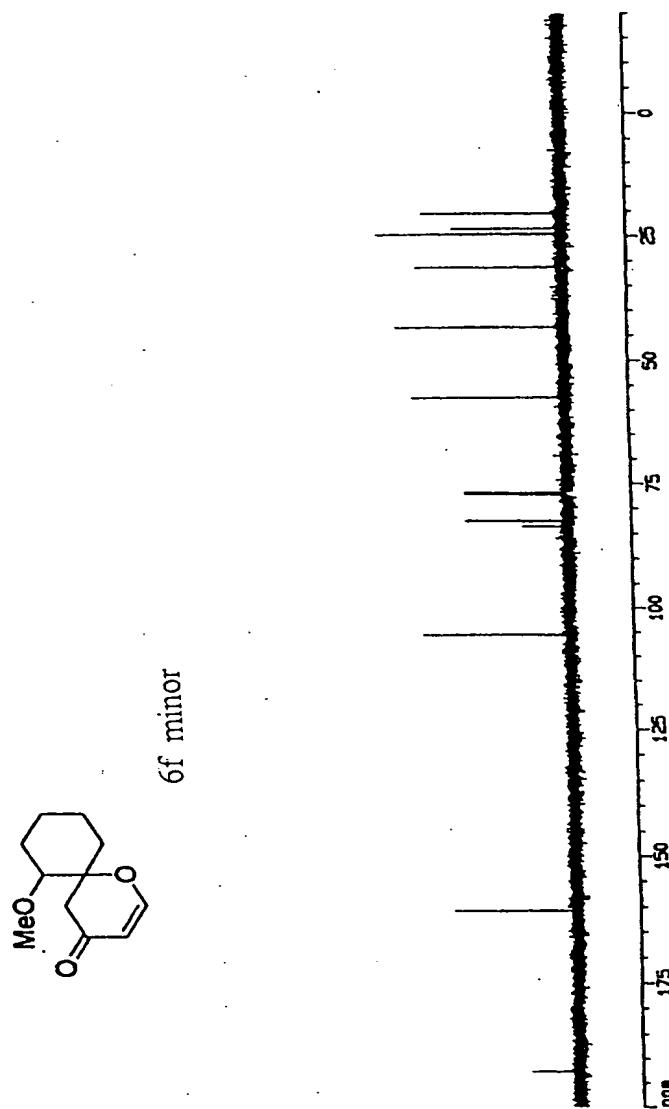


FIGURE 26

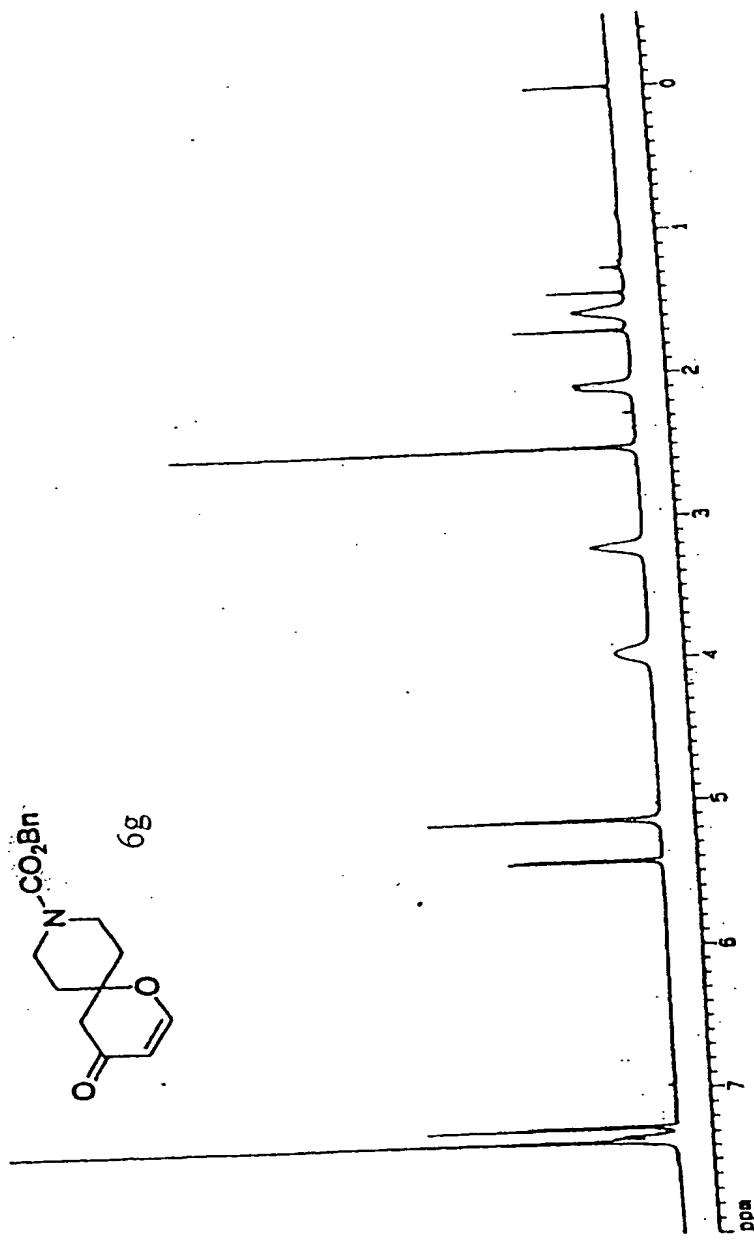


FIGURE 27

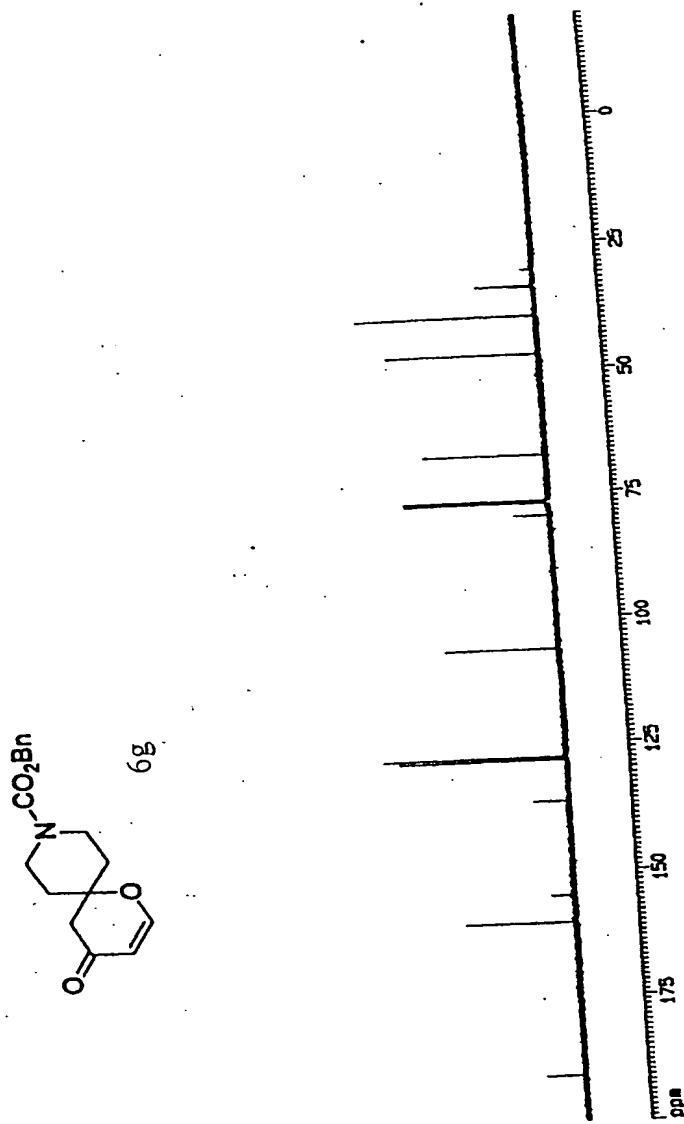


FIGURE 28

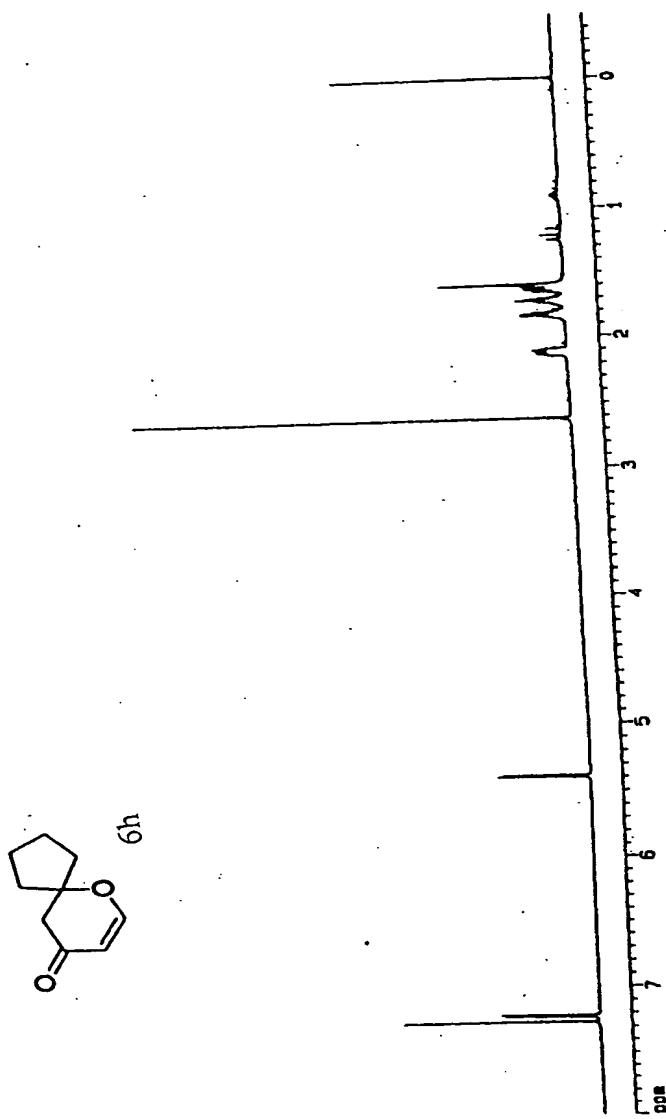
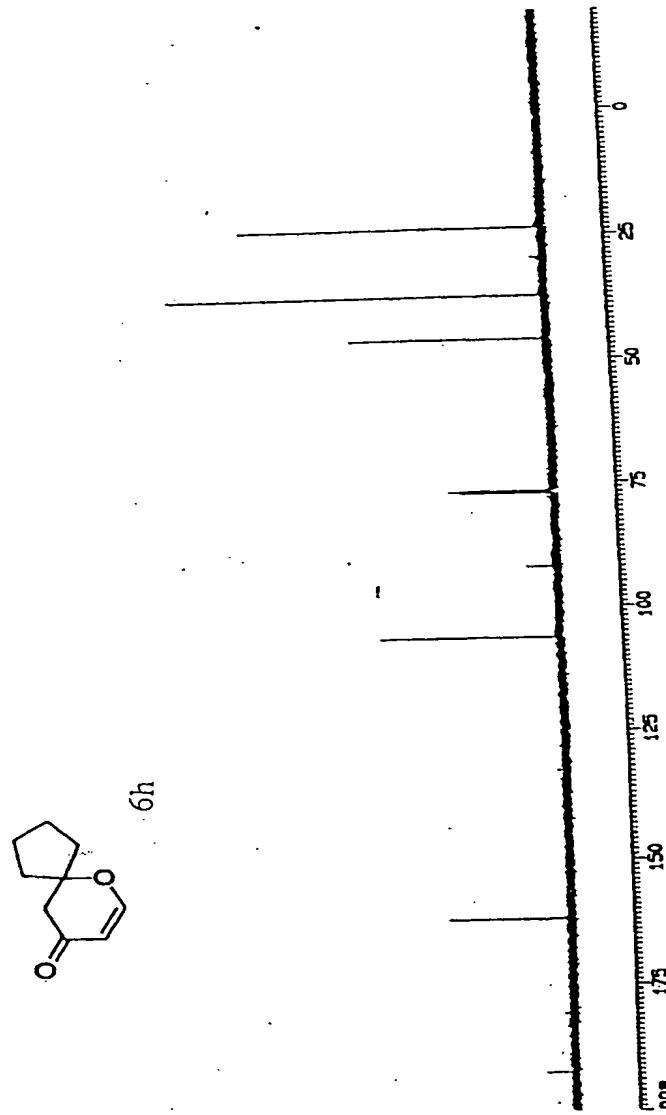


FIGURE 29



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FIGURE 30

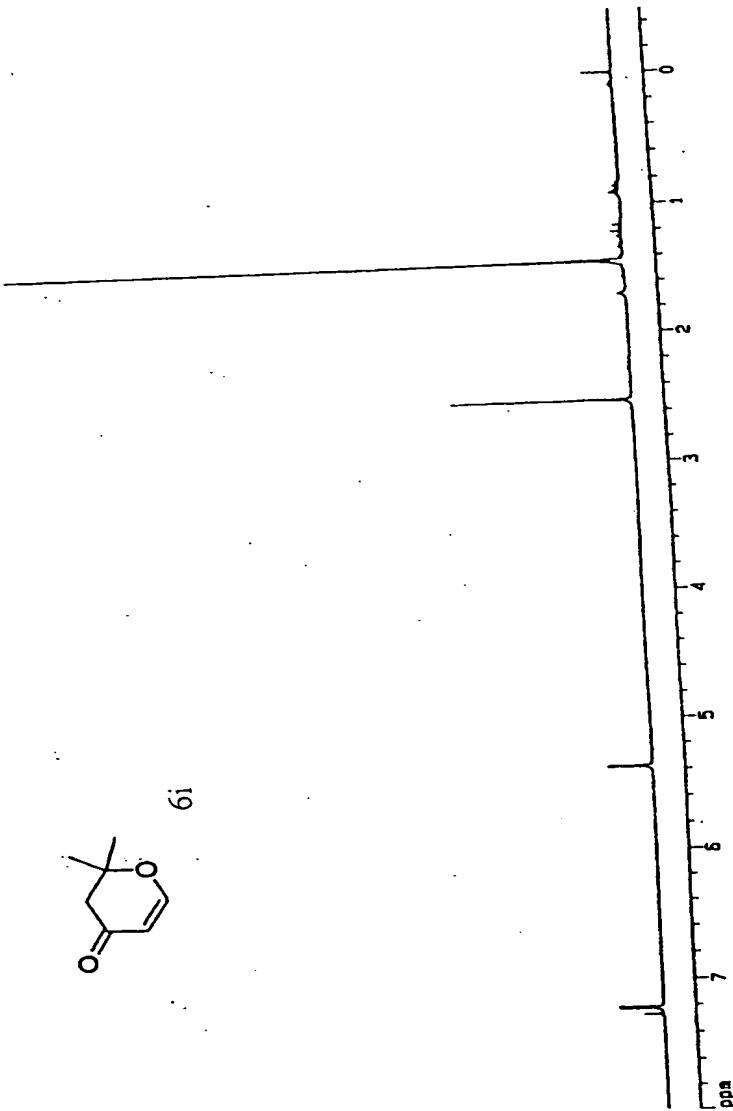
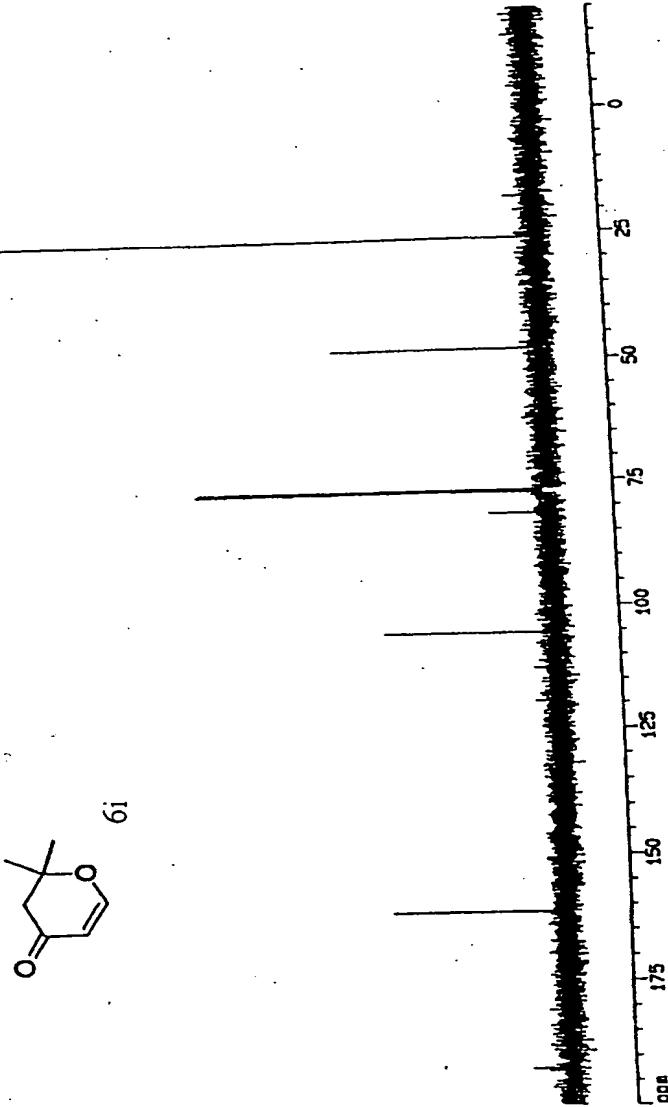


FIGURE 31



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FIGURE 32

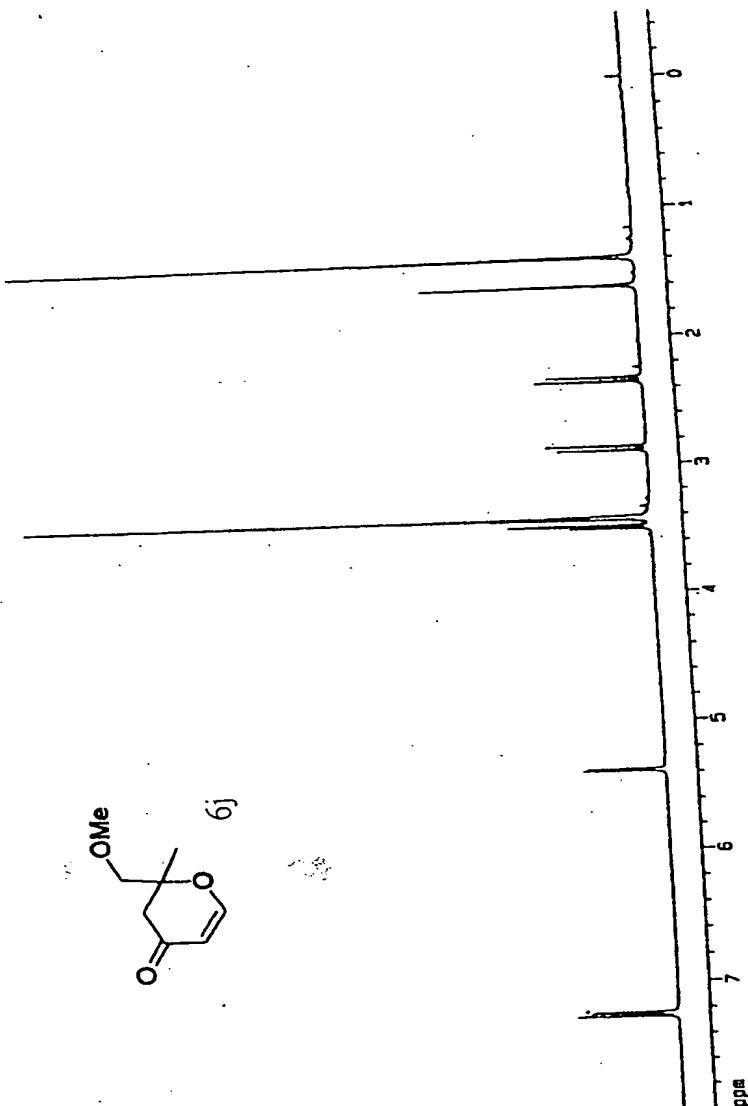
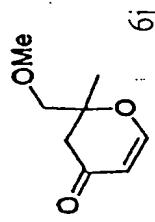
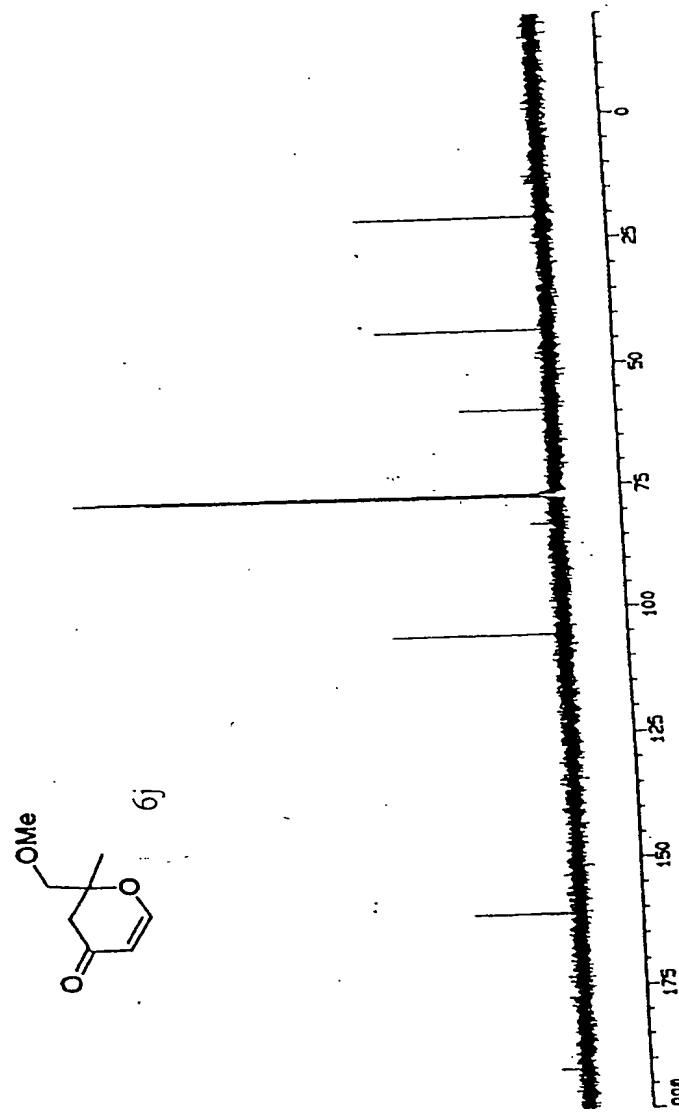
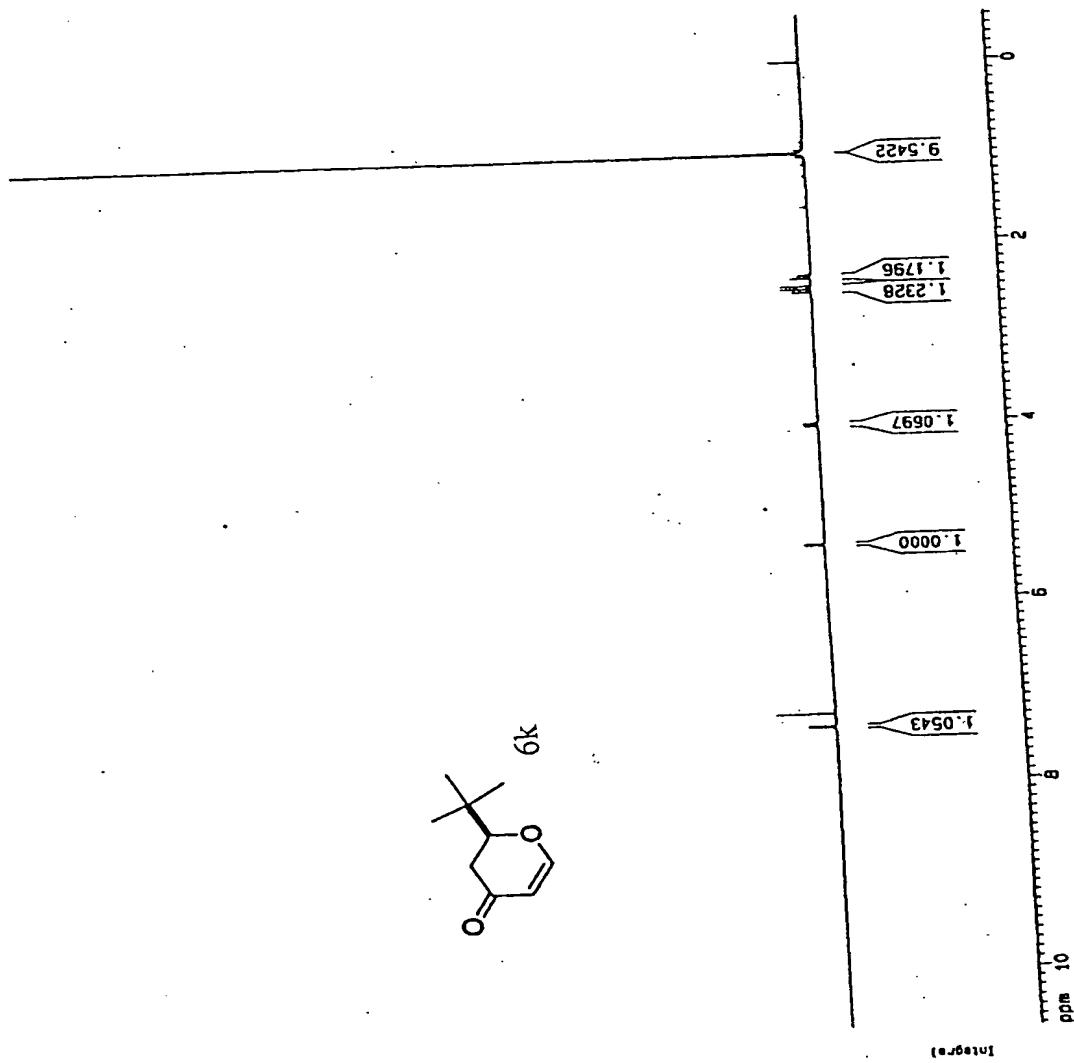


FIGURE 33



Replacement Sheet

FIGURE 34



Replacement Sheet

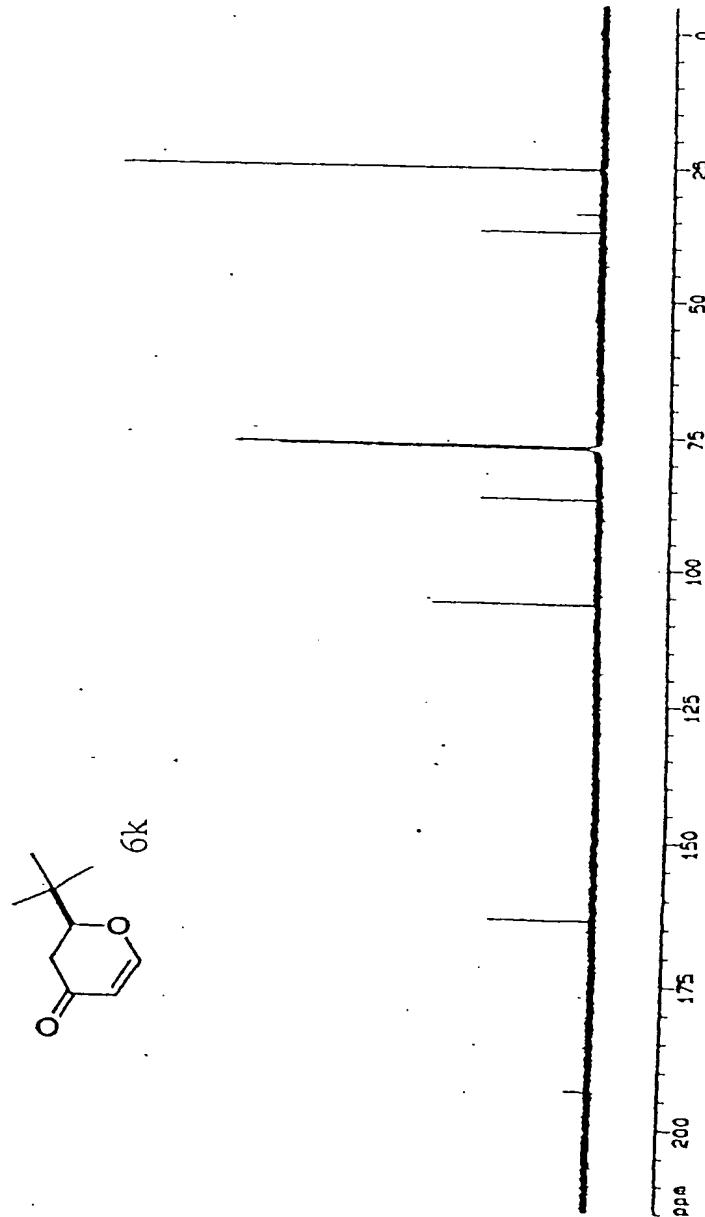


FIGURE 35